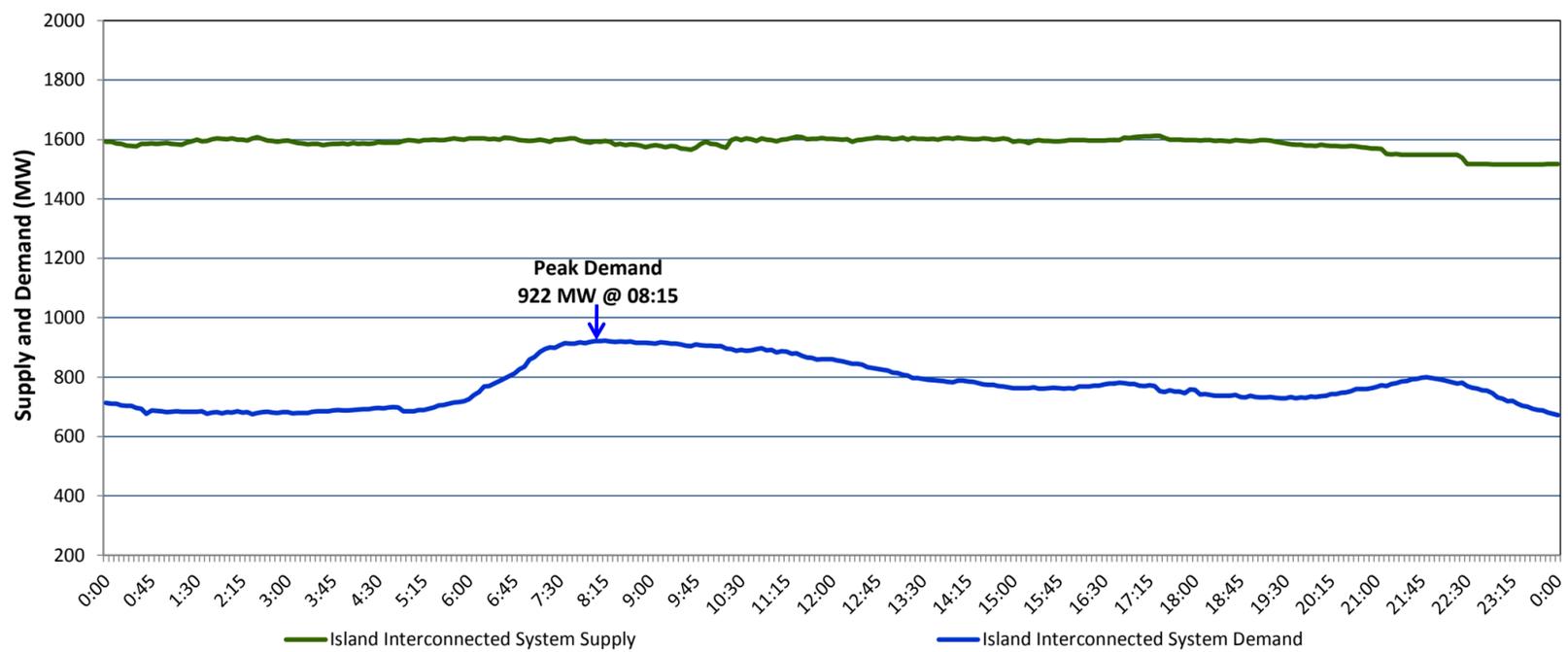


**Newfoundland Labrador Hydro (NLH)
Supply and Demand Status Report Filed Friday, June 16, 2017**

**Section 1
Island Interconnected System Supply and Demand
Actual 24 Hour System Performance For Thursday, June 15, 2017**



Supply Notes For June 15, 2017

- 1,2
- A As of 2003 hours, May 03, 2017, Bay d'Espoir Unit 3 unavailable due to planned outage (76.5 MW).
 - B As of 1510 hours, May 07, 2017, Bay d'Espoir Unit 4 unavailable due to planned outage (76.5 MW).
 - C As of 1544 hours, May 19, 2017, Hawke's Bay Diesel Plant available at 2.5 MW (5 MW).
 - D As of 1147 hours, May 31, 2017, Holyrood Unit 3 unavailable due to planned outage 147 MW (150 MW).
 - E As of 1730 hours, May 31, 2017, Stephenville Gas Turbine available at 25 MW (50 MW).
 - F As of 1232 hours, June 08, 2017, Holyrood Unit 1 available at 94 MW (170 MW).
 - G As of 1428 hours, June 11, 2017, Holyrood Unit 2 available at 165 MW (170 MW).
 - H At 1700 hours, June 15, 2017, St. Anthony Diesel Plant available at full capacity (9.7 MW).

**Section 2
Island Interconnected Supply and Demand**

| Fri, Jun 16, 2017 | Island System Outlook ³ | Seven-Day Forecast | Temperature (°C) | | Island System Daily Peak Demand (MW) Forecast |
|--|------------------------------------|--------------------------|------------------|---------|--|
| | | | Morning | Evening | |
| Available Island System Supply: ⁵ | 1,565 MW | Friday, June 16, 2017 | 6 | 5 | 890 |
| NLH Generation: ⁴ | 1,280 MW | Saturday, June 17, 2017 | 9 | 12 | 810 |
| NLH Power Purchases: ⁶ | 80 MW | Sunday, June 18, 2017 | 12 | 12 | 780 |
| Other Island Generation: | 205 MW | Monday, June 19, 2017 | 15 | 13 | 780 |
| Current St. John's Temperature: | 5 °C | Tuesday, June 20, 2017 | 13 | 17 | 765 |
| Current St. John's Windchill: | N/A °C | Wednesday, June 21, 2017 | 16 | 16 | 775 |
| 7-Day Island Peak Demand Forecast: | 890 MW | Thursday, June 22, 2017 | 16 | 16 | 785 |

Supply Notes For June 16, 2017

- 3
- Notes:
1. Generation outages for running and corrective maintenance are included. These are not unusual for power system operations. They generally do not impact customer supply. The power system operators schedule outages to system equipment whenever possible to coincide with periods when customer demands are low and sufficient supply reserves are available. However, from time to time equipment outages are necessary and reserves may be impacted.
 2. Due to the Island Interconnected System being isolated from the larger North American grid, when there is a sudden loss of large generating units some customer's load must be interrupted for short periods to bring generation output equal to customer demand. This automatic action of power system protection, referred to as under frequency load shedding, is necessary to ensure the integrity and reliability of system equipment. Under frequency events typically occur 5 to 8 times per year on the Island Interconnected System and the resultant customer load interruptions are generally less than 30 minutes.
 3. As of 0800 Hours.
 4. Gross output including station service at Holyrood (24.5 MW) and improved NLH hydraulic output due to water levels (35 MW).
 5. Gross output from all Island sources (including Note 4).
 6. NLH Power Purchases include: CBPP Co-Gen, Nalcor Exploits, Rattle Brook, Star Lake, Vale capacity assistance (when applicable), and Wind Generation.

**Section 3
Island Peak Demand Information
Previous Day Actual Peak and Current Day Forecast Peak**

| | | | |
|-------------------|--|-------|--------|
| Thu, Jun 15, 2017 | Actual Island Peak Demand ⁸ | 08:15 | 922 MW |
| Fri, Jun 16, 2017 | Forecast Island Peak Demand | | 890 MW |

Notes: 8. Island Demand is supplied by NLH generation and purchases, plus generation owned and operated by Newfoundland Power and Corner Brook Pulp & Paper (Deer Lake Power, DLP).